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PATENT

50992

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
:
José Carlos ORTIZ ALEMÁN et al. :
:
Serial No.: 10/568,814 :
:
Filed: September 6, 2006 :
:
For: METHOD FOR IMAGING MULTI- :
PHASE FLOW USING ELECTRICAL :
CAPACITANCE TOMOGRAPHY :

INFORMATION DISCLOSURE STATEMENT

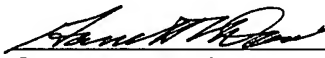
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Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.97 and § 1.98, Applicants bring the disclosures listed on attached Form PTO-1449 to the Examiner's attention and request that they be considered and made of record in the subject application.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,


Garrett V. Davis
Reg. No. 32,023

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Dated: July 19, 2007



PTO/SB/08a (05-07)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10568814
	Filing Date		2006-09-06
	First Named Inventor	Jose Carlos Ortiz Aleman	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	50992	

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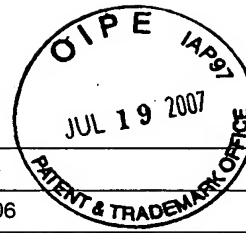
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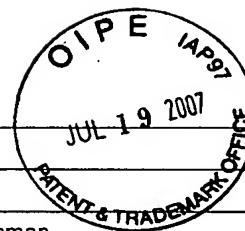
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1	YANG W.Q., Image reconstruction algorithms for electrical capacitance tomography, Measurement Science and Technology, 2003, 14(1), pp. R1-R13.	<input type="checkbox"/>
2	BECK M.S., Principles and industrial applications of electrical capacitance tomography, Measurement + Control, 1997, Vol. 30, pp. 197-200.	<input type="checkbox"/>
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5	GALLAGHER K., Genetic algorithms: an evolution from Monte Carlo Methods for strongly non-linear geophysical optimization problems, Geophys. Res. Lett., 1991, Vol. 18, pp. 2177-2180.	<input type="checkbox"/>
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7	GAMIO J. C., A High-sensitivity Flexible-excitation Electrical Capacitance Tomography System, PhD Thesis, 1997, University of Manchester Institute of Science and Technology, UK.	<input type="checkbox"/>
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12	METROPOLIS N., Equation of state calculations by fast computing machines, J. Chem. Phys., 1953, Vol. 21, No. 6, pp. 1087-1092.	<input type="checkbox"/>
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16	PILKINGTON M., 3-D magnetic imaging using conjugate gradients, Geophysics, 1997, Vol. 62, pp. 1132-1142.	<input type="checkbox"/>
17	PLASKOWSKI A., Imaging Industrial Flows: Applications of Electrical Process Tomography, 1995, Institute of Physics Publishing, UK.	<input type="checkbox"/>
18	RODRÍGUEZ-ZÚÑIGA J. L., Application of genetic algorithms to constrain shallow elastic parameters using in situ ground inclination measurements, Soil Dyn and Earth Eng, 1996, , Vol. 16 (3), pp. 223-234.	<input type="checkbox"/>
19	SAMBRIDGE M., Genetic algorithms in seismic waveform inversion, Geophys J. Int., 1992, 109, pp. 323-342.	<input type="checkbox"/>
20	SEN M. K., Global Optimization Methods in Geophysical Inversion, 1995, Elsevier Science Publishers, Amsterdam, The Netherlands.	<input type="checkbox"/>
21	STOFFA P. L., Nonlinear multiparameter optimization using genetic algorithms: inversion of plane-wave seismograms, Geophysics, 1991, Vol. 56, pp. 1794-1810.	<input type="checkbox"/>
22	THORN R., Recent developments in three phase flow measurement, Measurement Science and Technology, 1997, Vol. 8, pp. 691-701.	<input type="checkbox"/>

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23	VASUDEVAN K., Simulated annealing static computation using an order-based energy function, Geophysics, 1991, Vol. 56, pp. 1831-1839.	<input type="checkbox"/>
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25	WILLIAMS R. A., Process Tomography - Principles, Techniques and Applications, Butterworth Heinemann, 1995.	<input type="checkbox"/>
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27	YAMANAKA H., Application of genetic algorithms to an inversion of surface-wave dispersion data, Bulletin of the Seismological Society of America, 1996, , Vol. 36, pp. 436-444.	<input type="checkbox"/>
28	YANG W. Q., Image reconstruction algorithms for electrical capacitance tomography, Measurement Science and Technology, 2003, Vol. 14(1), pp. R1-R13.	<input type="checkbox"/>

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